

**IN THE CLAIMS**

1. (Currently Amended) A system for generating an executable procedure, comprising:

a repository including spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

an executable application for parsing and processing said spreadsheet representative data to provide an executable procedure with characteristics determined by said ~~data elements~~ individual data items and for use in processing data using said ~~data elements~~ individual data items to provide processed data for output; and

a command processor for initiating execution of said executable procedure in response to user command.

2. (Original) A system according to claim 1, wherein

said executable procedure processes data in a database using said data elements to provide updated data for storage in said database.

3. (Original) A system according to claim 1, wherein

said executable procedure characteristics determined by said data elements comprise at least one of, (a) programming language structural features, (b) structure of sub-procedures in said executable procedure and (c) a process performed by a sub-procedure in said executable procedure.

4. (Original) A system according to claim 1, wherein

said executable application processes said spreadsheet representative data to provide an executable procedure for updating a data item in a database using one of said data elements to replace a prior corresponding data element of a predetermined computation formula.

5. (Currently Amended) A system according to claim 4, wherein said prior corresponding data element of said predetermined computation formula comprises at least one of, (a) a factor used as a multiplier in said computation formula, (b) a constant in said computation formula, (c) a threshold value identifying whether said computation formula applies, (d) a threshold value identifying whether a portion of said computation formula applies.

6. (Original) A system according to claim 1, wherein said executable application processes said spreadsheet representative data to provide an executable procedure by updating a data item in said database by replacing said data item with one of said data elements.

7. (Original) A system according to claim 1, wherein said executable application is a Script for generating programming language code comprising code in at least one of, (a) C++, (b) Java, (c) HTML, (d) XML and (e) SGML.

8. (Currently Amended) A system for updating data items in a database, comprising:  
a repository including spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;  
an executable application for parsing and processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database using one of said ~~data elements~~ individual data items to replace a prior corresponding ~~data element~~ individual data item of a predetermined computation formula to provide an updated computation formula for use in processing data using said individual data items to provide processed data for output; and  
a command processor for initiating execution of said executable procedure in response to user command.

9. (Currently Amended) A system according to claim 8, wherein said execution of said executable procedure re-computes a value of said data item using said updated computation formula and updates said data item in said database with said re-computed value.

10. (Currently Amended) A system for generating an executable procedure, comprising:

a repository including spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

an executable application for parsing and processing said spreadsheet representative data to provide an executable procedure for updating a data ~~item~~ value in a database by

using one of said ~~data elements~~ individual data items to replace a prior corresponding ~~data element~~ individual data item of a predetermined computation formula to provide an updated computation formula and

re-computing a value of said data ~~item~~ value using said updated computation formula; and

a storage processor for updating said data ~~item~~ value in said database with said re-computed value.

11. (Currently Amended) A processing device implemented method for generating an executable procedure, comprising the activities of:

storing spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

parsing and processing said spreadsheet representative data to provide an executable procedure with characteristics determined by said ~~data elements~~ individual data items and for use in processing data using said ~~data elements~~ individual data items to provide processed data for output; and

initiating execution of said executable procedure in response to user command.

12. (Currently Amended) A processing device implemented method for updating data items in a database, comprising the activities:

storing spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

parsing and processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database using one of said ~~data elements~~ individual data items to replace a prior corresponding ~~data element~~ individual data item of a predetermined computation formula to provide an updated computation formula for use in processing data using said individual data items to provide processed data for output; and

initiating execution of said executable procedure in response to user command.

13. (Currently Amended) A method for updating data items in a database, comprising the activities of:

storing spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

parsing and processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database;

using one of said ~~data elements~~ individual data items to replace a prior corresponding ~~data element~~ individual data item of a predetermined computation formula to provide an updated computation formula;

re-computing a value of said data ~~item~~ value using said updated computation formula; and

updating said data ~~item~~ value in said database with said re-computed value.